

# Notice of Allowability

Application No.

09/597,784

Examiner

Kristie D. Shingles

Applicant(s)

CRAWFORD, JAMES

Art Unit

2141

## -- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 10/31/07 and 8/6/07.
2. ☒ The allowed claim(s) is/are 1-34, 36-39 and 45-78.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  5. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

## Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO/SB/08),  
Paper No./Mail Date 10/2007
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☒ Interview Summary (PTO-413),  
Paper No./Mail Date 11/2007.
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other

kds/20071113

**DETAILED ACTION**

Claims 1-40 and 45-78 are pending.

**Per Examiner's Amendment**

Claims 35 and 40 are canceled.  
Claims 31-34, 36-39 and 45 are amended.

Claims 1-34, 36-39 and 45-78 are allowed.

**Continued Examination Under 37 CFR 1.114**

I. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 10/31/2007 has been entered.

**Response to Arguments**

II. In view of the Appeal Brief filed on 8/6/2007, PROSECUTION IS HEREBY REOPENED.

To avoid abandonment of the application, appellant must exercise one of the following two options:

- (1) file a reply under 37 CFR 1.111 (if this Office action is a non-final) or a reply under 37 CFR 1.113 (if this Office action is final); or,
- (2) request reinstatement of the appeal.

If reinstatement of the appeal is requested, such request must be accompanied by a supplemental appeal brief, but no new amendment, affidavits (37 CFR 1.130, 1.131 or 1.132) or

other evidence are permitted. See 37 CFR 1.193(b)(2).

**III.** Applicant's arguments with respect to claims 1, 14, 29-31, 36 and 45 have been considered and are persuasive. Thus the 35 U.S.C. 103 (a) rejection of the above claims have been withdrawn.

#### **Examiner's Amendment**

**IV.** An Examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

**V.** Authorization for this Examiner's amendment was given in a telephone interview with Atty. Rob DeVoto on November 13, 2007. Please make the following changes:

- **In Claim 31:** in line 1 replace "readable" with—*storage*—.
- **In Claim 32:** in line 2 replace "readable" with—*storage*—.
- **In Claim 33:** in line 2 replace "readable" with—*storage*—.
- **In Claim 34:** in line 2 replace "readable" with—*storage*—.
- **CANCEL: Claim 35**
- **In Claim 36:** in line 1 replace "readable" with—*storage*—.
- **In Claim 37:** in line 2 replace "readable" with—*storage*—.
- **In Claim 38:** in line 2 replace "readable" with—*storage*—.
- **In Claim 39:** in line 2 replace "readable" with—*storage*—.
- **CANCEL: Claim 40**
- **In Claim 45:** in line 1 after "interface" insert—*embodied on a computer storage medium*—.

### **Reasons for Allowance**

**VI.** This communication warrants no Examiner's reason for allowance, as Applicant's reply makes evident the reason for allowance, satisfying the record as whole as required by rule 37 CFR 1.104 (e). In this case, the substance of Applicant's comments in the arguments filed on 8/6/2007 with respect to the claimed limitations sufficiently present the reasons claims are patentable over the prior art of record. Thus, the reason for allowance is in all probability evident from the record and no statement of an Examiner's reason for allowance is necessary (see MPEP 13202.14).

Any comments considered necessary by Applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### **Conclusion**

**VII.** Any inquiry concerning this communication or earlier communications from the Examiner should be directed to Kristie Shingles whose telephone number is 571-272-3888. The Examiner can normally be reached on Monday-Friday 8:30-6:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the Examiner's supervisor, Rupal Dharia can be reached on 571-272-3880. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

*Kristie D. Shingles*  
*Examiner*  
*Art Unit 2141*

*kds*

W. J. [Signature]  
WILLIAM J. VAUGHN  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER